

Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 22 Jul 2021 until 23:59 on Friday 23 Jul 2021

Forecast Issued on Wednesday 21 Jul 2021 at 16:22

Confidence: High for overall theme, low confidence in locations of showers.

Headline for Thursday 22 Jul 2021: Another hot and sunny day, low risk of showers later.

Mountain weather hazards on Thursday 22 Jul 2021

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

Low Likelihood

Heavy Snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

No Likelihood

Strong sunlight

High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Clear night	Partly cloudy (night)	Sunny	Sunny	Sunny intervals	Light rain showers	Sunny intervals	Clear night
Precipitation probability							
00%	00%	00%	00%	20%	40%	30%	00%

Forecast for Thursday 22 Jul 2021

Weather: Mainly clear skies overnight although a few areas of low cloud possible in the east and some mist in valleys around dawn. Clear skies during the morning and feeling hot as the temperatures quickly rise. During the afternoon some fair weather cloud will develop and there is a risk of slow moving showers across the park. Any showers will be few and far between, but they do have the potential to be heavy and thundery. Any showers and cloud dissipating early in the evening, leading to a clear night before low cloud approaches from the north east early tomorrow.

Chance of cloud free mountain/hill tops above 600m: 80% becoming 100%

Visibility: Generally very good, although quickly deteriorating to moderate-poor in any heavy showers.

Forecast for Thursday 22 Jul 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/9 SE	5/7 S	3/6 S	2/5 NW	6/10 W	6/11 NE	8/13 E	6/11 NE	6/9 NE
300	3/5 E	2/5 SE	1/4 SE	3/6 SW	9/13 NW	5/10 E	6/11 E	5/12 NE	5/9 NE
Valley	5/9 E	4/5 E	2/4 E	2/5 SW	4/8 W	6/12 NE	6/11 NE	6/12 E	5/9 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/17	17/16	17/18	20/21	22/21	22/22	20/20	16/16	14/13
300	16/16	14/14	18/19	23/24	24/22	25/25	24/24	18/18	16/15
Valley	18/18	16/17	19/20	23/25	27/28	26/26	25/25	20/20	18/18
Freezing Level*	2800m	2800m	2800m	2800m	2900m	3000m	3000m	2900m	2800m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Strong sunshine expected once again, and feeling very warm with light winds. Sun protection and plenty of hydration is recommended.

Recent rainfall: measured at Malham: altitude 375m

Recorded at
14:00 on Wed 21 Jul 2021

Last 24 hours:
0mm

Last 48 hours:
0mm

Last 72 hours:
0mm

Forecast for Friday 23 Jul 2021

Weather: Low cloud spreading across the north and east of the park in the early hours, steadily lifting and breaking late morning. Staying dry and clear for the remainder of the day, but some low cloud reforming overnight.

Maximum wind: Easterly 10mph gusting 20mph

Chance of cloud free mountain/hill tops above 600m: 30% improving to 100%

Visibility: Poor at first with cloud base around 300m. Improving to very good during the morning.

Temperature: **Valleys:** PS 15 Celsius increasing to PS 23 Celsius
At 600m: PS 16 Celsius
Freezing level: Above summits